Agilent CytoGenomics 1.0

Installation and Administration Guide

Research Use Only. Not for Diagnostic Procedures

The Agilent CytoGenomics software takes little time to install if you prepare properly. And only a few tasks are required of Administrators, although the role of Administrator allows you to perform all the tasks within the program. This guide shows you how to install and administer the program so users can work with the program most effectively.
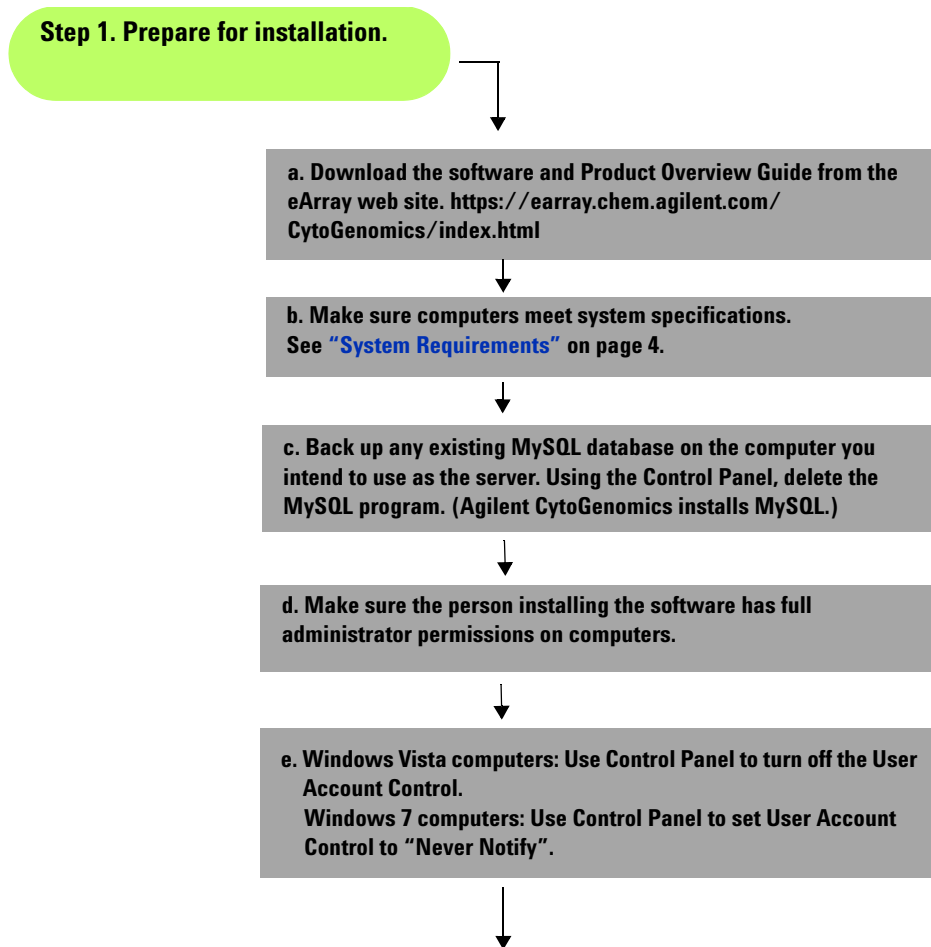
See the *Product Overview Guide* for an overview of the program and how the tasks within it are organized by roles.
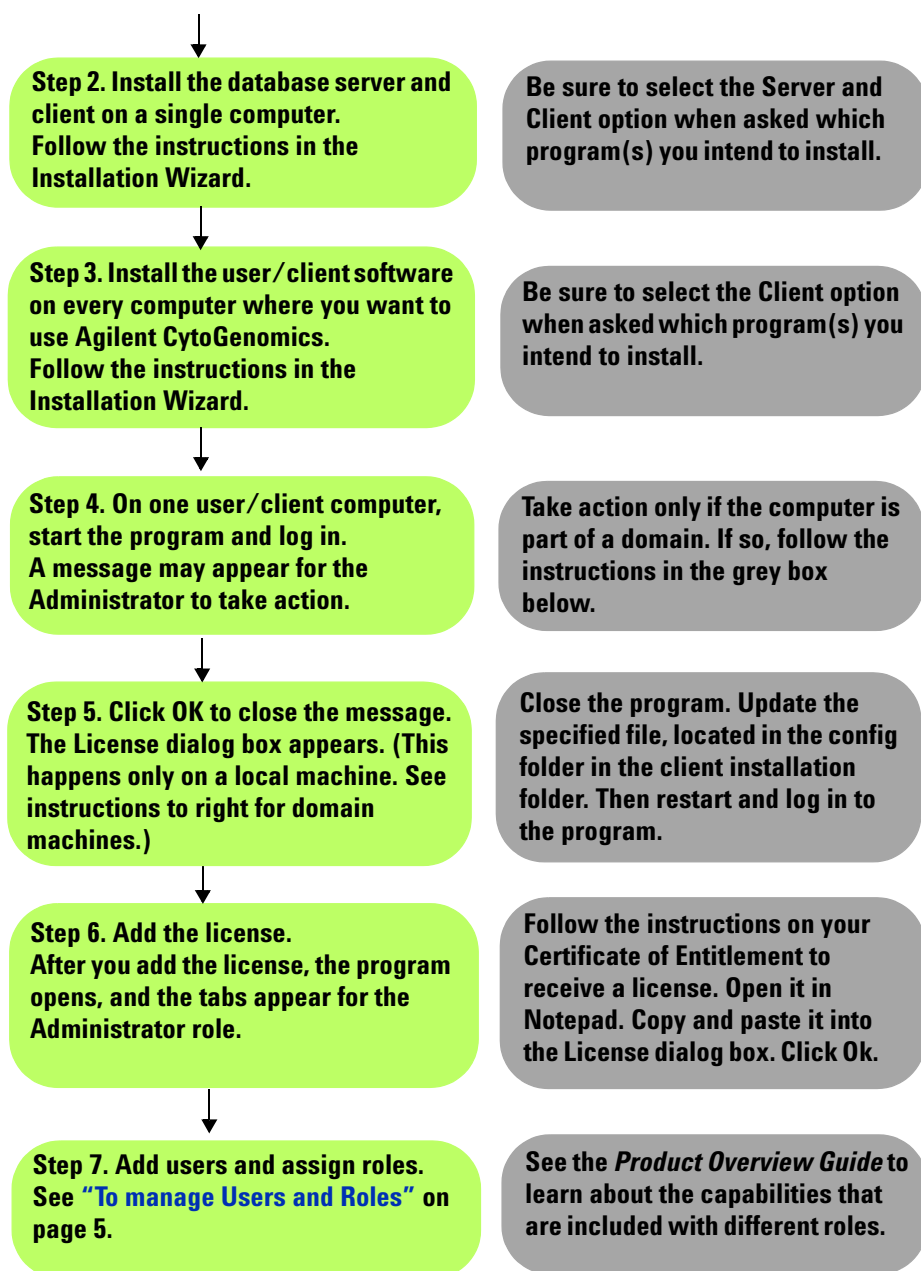
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Installing the Software

Flow chart for installation

Step 1. Prepare for installation.

a. Download the software and Product Overview Guide from the eArray web site. https://earray.chem.agilent.com/CytoGenomics/index.html

b. Make sure computers meet system specifications. See "System Requirements" on page 4.

c. Back up any existing MySQL database on the computer you intend to use as the server. Using the Control Panel, delete the MySQL program. (Agilent CytoGenomics installs MySQL.)

d. Make sure the person installing the software has full administrator permissions on computers.

e. Windows Vista computers: Use Control Panel to turn off the User Account Control.
   Windows 7 computers: Use Control Panel to set User Account Control to "Never Notify".

Step 2. Install the database server and client on a single computer. Follow the instructions in the Installation Wizard.

Be sure to select the Server and Client option when asked which program(s) you intend to install.

Step 3. Install the user/client software on every computer where you want to use Agilent CytoGenomics. Follow the instructions in the Installation Wizard.

Be sure to select the Client option when asked which program(s) you intend to install.

Step 4. On one user/client computer, start the program and log in. A message may appear for the Administrator to take action.

Take action only if the computer is part of a domain. If so, follow the instructions in the grey box below.

Step 5. Click OK to close the message. The License dialog box appears. (This happens only on a local machine. See instructions to right for domain machines.)

Close the program. Update the specified file, located in the config folder in the client installation folder. Then restart and log in to the program.

Step 6. Add the license. After you add the license, the program opens, and the tabs appear for the Administrator role.

Follow the instructions on your Certificate of Entitlement to receive a license. Open it in Notepad. Copy and paste it into the License dialog box. Click Ok.

Step 7. Add users and assign roles. See "To manage Users and Roles" on page 5.

See the *Product Overview Guide* to learn about the capabilities that are included with different roles.

System Requirements

Check to make sure that your computer systems meet the following requirements. All client installations point to the computer on which the server software is installed. See Table 1 for minimum requirements. See Table 2 for recommended requirements.

Table 1   Minimum Requirements for Agilent CytoGenomics computers

Operating system	32-bit Windows (XP-SP2, Vista Business, Windows 7 Professional) If the operating system is not in this list, it is not supported.
Processor	> 2GHz
Available memory (RAM)	4GB
Hard disk space	500GB
Database Software	If MySQL is already installed, you must delete it. Agilent CytoGenomics will not install properly if MySQL is present. Agilent CytoGenomics installs and configures MySQL automatically.
Display Resolution	1280 x768 minimum

Table 2   Recommended Requirements for Agilent CytoGenomics computers (only if not minimum)

Operating system	64-bit Windows (XP-SP2, Vista Business, Windows 7 Professional) systems are supported. If the operating system is not in this list, it is not supported.
Processor	> 3GHz
Available memory (RAM)	8 GB
Hard disk space	Database machine: 500 GB of dual RAID hard drive Client machines: 500 GB

Administering the System

As an Administrator for Agilent CytoGenomics, you have access to everything! That is, you can perform any task available in the program. Your primary responsibility is to add users and their roles to the system, and you also manage the database.

See the *Product Overview Guide* for an explanation of the tasks that each role can perform with the program. Users who are assigned the role of Technician can only run workflows and view the results. They cannot set up workflows, nor can they sign off on results. Those are tasks for users assigned the role of Scientist.

This section shows you how to add users, assign roles and manage the database.

To manage Users and Roles

Only the Administrator role can perform these tasks.

Table 3   Tasks for Managing Users and Roles

To do this	Follow these instructions	Comments
Add new users	1 Click **Admin**, and click the **Users** button. 2 At the bottom of the screen, click **Add New User**. A list of all the users in the domain or on the local machine appears. 3 Type in the `User Name`, and click **Find**. 4 At the bottom of the Add User Dialog dialog box, click **Add User**. The user now appears in the list of users with the role of Technician, which has been enabled.	A user cannot be deleted but can be disabled. a Click **Edit** for the user you intend to disable. b Clear the **Enabled** checkbox, and click **Save**.
Change roles	1 On the line of the user whose role you intend to change, click **Edit**. 2 Highlight the role on the right of the panel, then click the < button to remove the role on the right. 3 Highlight a role on the left of the panel, then click the > button to add the role to the right.	

To manage the Database

Even though the Administrator role is the only role permitted to change the location of the database or the common storage folder, any user can restart the MySQL service.

Table 4 Tasks for Managing the Database

To do this	Follow these instructions	Comments
Change database locations and info	1 In the Admin tab click the **Database** button. 2 Click **Change**. 3 Type one or more of these: • Database computer name • Port number • CommonStorage pathway When you leave the dialog box, the program accepts the new entries.	• If you change the location of your common storage, you must copy the contents of the previous location to the new location manually. **Failure to do so may cause unexpected behavior in the program**. • The location of common storage must be entered using UNC standard notation. (\\machine2\CommonStorage)
Restart MySQL	• If the MySQL service stops, to restart it, click **Restart Cyto MySQL Service** on the desktop.	

Getting Help

To contact Agilent Technical Support

Technical support is available by phone and/or e-mail. A variety of useful information is also available on the Agilent Technical Support Web site.

Resource	To find technical support contact information
Agilent Technical Support Web site	**1** Go to http://chem.agilent.com. **2** Select a country or area. **3** Under Quick Links, select **Technical Support**. **4** Select from the available links to display support information.
Contact Agilent Technical Support by telephone or e-mail (United States and Canada)	Telephone: (800-227-9770) E-mail: informatics_support@agilent.com
Contact Agilent Technical Support by telephone or e-mail (for your country)	**1** Go to http://chem.agilent.com. **2** Select **Contact Us**. **3** Under Worldwide Sales and Support Phone Assistance, click to select a country, and then click **Go**. Complete e-mail and telephone contact information for your country is displayed.

To get help from the Help guides

To find help for all the other tasks Administrators can perform with Agilent CytoGenomics (those that Technicians and Scientists can perform), click **Help** in the upper right corner of the program window.

To learn about Agilent products and services

To display information about the Life Sciences and Chemical Analysis products and services that are available from Agilent, go to www.chem.agilent.com.

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In this book

This book gives you
instructions to install and
administer Agilent
CytoGenomics.

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